

Datasheet for ABIN465856
anti-EGF antibody (Biotin)[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	EGF
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EGF antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Neutralization (Neut)

Product Details

Immunogen:	E.coli derived recombinant Human EGF.
	Type of Immunogen: Cell extract
Specificity:	Human EGF
Purification:	Immunoaffinity purified

Target Details

Target:	EGF
Alternative Name:	EGF (EGF Products)
Background:	Name/Gene ID: EGF
	Synonyms: EGF, Beta-urogastrone, HOMG4, URG, Epidermal growth factor, Pro-epidermal

Target Details

	growth factor
Gene ID:	1950
UniProt:	P01133
Pathways:	NF-kappaB Signaling , RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Carbohydrate Metabolic Process , Hepatitis C , Protein targeting to Nucleus , Interaction of EGFR with phospholipase C-gamma , Thromboxane A2 Receptor Signaling , EGFR Downregulation

Application Details

Application Notes:	Approved: ELISA (1 µg/mL), Neut, WB (0.1 - 0.2 µg/mL) Usage: The applications listed have been tested for the unconjugated form of this product. Other forms have not been tested. ELISA: To detect hEGF by direct ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2-0.4 ng/well of recombinant hEGF. To detect hEGF by sandwich ELISA (using 100 µL/well antibody solution) a concentration of 0.25-1 µg/mL of this antibody is required. This biotinylated polyclonal antibody, in conjunction with Polyclonal Anti-Human EGF (LS-C104654) as a capture antibody, allows the detection of at least 0.2-0.4 ng/well of recombinant hEGF. Western Blot: To detect hEGF by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hEGF is 1.5-3 ng/lane, under either reducing or non-reducing conditions.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Sterile PBS containing 0.1 % BSA
Concentration:	Lot specific
Buffer:	Lyophilized from PBS, pH 7.2
Handling Advice:	Avoid freeze/thaw cycles.

Handling

Storage:	4 °C,-20 °C
Storage Comment:	Store Lyophilized at room temperature up to 1 month Reconstituted for up to 2 weeks at 2-8°C. Aliquot and freeze at -20°C for long term storage. Avoid freeze/thaw cycles.

Images

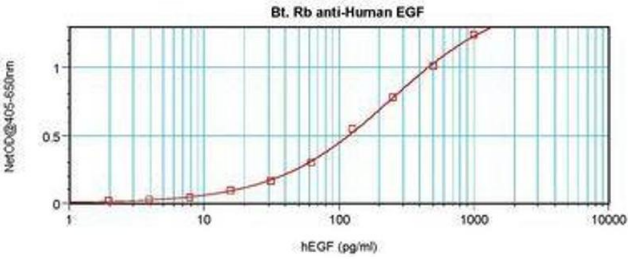


Image 1.

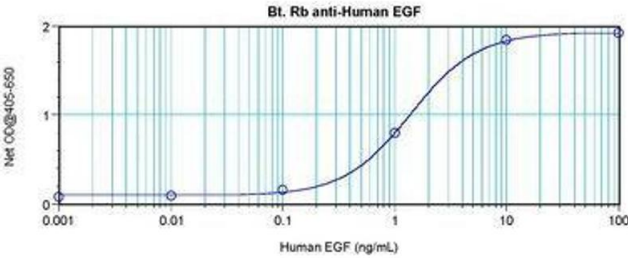


Image 2.